

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10201127
PUBLICATION DATE : 31-07-98

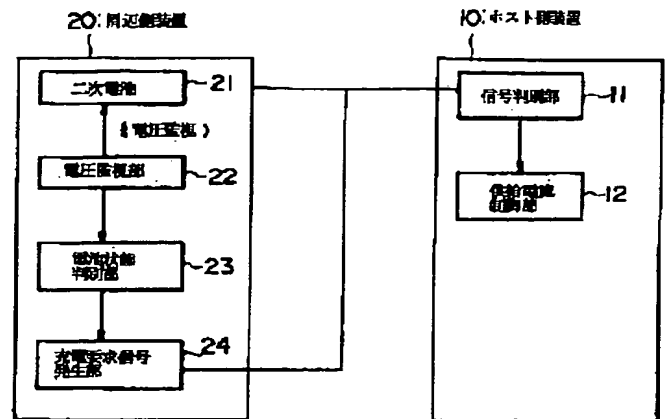
APPLICATION DATE : 27-12-96
APPLICATION NUMBER : 08350875

APPLICANT : NEC CORP;

INVENTOR : TERASAWA NOBORU;

INT.CL. : H02J 7/34

TITLE : COMMUNICATION SYSTEM



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a communication system which can be charged efficiently by a method wherein a secondary battery is controlled so as not to supply low-consumption electric power when an electricity storage amount in the secondary battery is small.

SOLUTION: A communication system is composed of a host-side device 10 which supplies electric power and of a peripheral-side device 20 which receives the supply of the electric power from the host-side device 10. In the communication system, the power usage state of the peripheral-side device 20 is detected by a signal discrimination part 11 at the host-side device 10, and ordinary electric power and low-consumption electric power are changed over so as to be supplied by a supply-current control part 12. At this time, the necessity of the charging operation of a secondary battery 21 at the peripheral-side device 20 is judged by a voltage monitoring part 22 and a battery-state discrimination part 23. When the necessity of the charging operation exists, a charging request signal is generated by a charging-request-signal generation part 24 so that the signal discrimination part 11 does not request the low-consumption electric power. As a result, it is possible to provide the communication system which can be charged surely when the secondary battery 21 requires the charging operation.

COPYRIGHT: (C)1998,JPO